



Attorney Reference: 015837-025817

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

James Robl et al.)

Application No. 09/260,468)

Filed: March 2, 1999)

For: EMBRYONIC OR STEM-LIKE CELL)
LINES PRODUCED BY CROSS SPECIES)
NUCLEAR TRANSPLANTATION AND)
METHODS FOR ENHANCING)
EMBRYONIC DEVELOPMENT BY)
GENETIC ALTERATION OF DONOR)
CELLS OR BY TISSUE CULTURE)
CONDITIONS)

Group Art Unit: 1632

Examiner: Jill Martin

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Official Action [Non-Final Rejection] dated October 13, 2000, kindly enter the following amendments prior to further examination.

In the Claims

Kindly cancel claims 3, 20 and 31.

Kindly enter the following amended claims:

- Sub
B'
A'
1. (Amended) A method of producing embryonic or stem-like cells, wherein said cells comprise a nucleus derived from an adult differentiated cell and mitochondria from an oocyte of a species other than said adult differentiated cell, comprising the following steps:
- (i) inserting a differentiated human or mammalian cell or cell nucleus into an enucleated animal oocyte, wherein such oocyte is derived from a different animal species than the human or mammalian cell under conditions suitable for the formation of a nuclear transfer (NT) unit;